2021 CERTIFICATION

2022 JUN 28 PM 1:45

Consumer Confidence Report (CCR)

City of Flowood and City of Flowood-Noranco

PRINT Public Water System Name 061-0075 061-0044

List PWS ID #s for all Community Water Systems included in this CCR

CCR DISTRIBUTION (Check all boxes that apply)	
INDIRECT DELIVERY METHODS (Attach copy of publication, water bill or other)	DATE ISSUED
□ Advertisement in local paper (Attach copy of advertisement)	
☑ On water bill (Attach copy of bill) URL/Link to CCR printed on water bill	6/27/22
□ Email message (Email the message to the address below)	
□ Other (Describe:	-
	_)
DIRECT DELIVERY METHOD (Attach copy of publication, water bill or other)	DATE ISSUED
□ Distributed via U.S. Postal Service	
□ Distributed via E-mail as a URL (Provide direct URL):	
□ Distributed via Email as an attachment	
□ Distributed via Email as text within the body of email message	
□ Published in local newspaper (attach copy of published CCR or proof of publication)	6/15/22
□ Posted in public places (attach list of locations or list here)	_
Posted online at the following address (Provide direct URL):www.cityofflowood.com/ccr	6/27/22
CERTIFICATION I hereby certify that the Consumer Confidence Report (CCR) has been prepared and distributed to its cus the appropriate distribution method(s) based on population served. Furthermore, I certify that the informat is correct and consistent with the water quality monitoring data for sampling performed and fulfills all CCR of Federal Regulations (CFR) Title 40, Part 141.151 – 155. Director of Engineering and Utilities	ion contained in the report
Name	Date
SUBMISSION OPTIONS (Select one method ONLY)	
You must email or mail a copy of the CCR, Certification, and associated proof of d the MSDH, Bureau of Public Water Supply.	elivery method(s) to
Mail: (U.S. Postal Service) Email: water.reports@msdh.m	s.gov
MSDH, Bureau of Public Water Supply P.O. Box 1700 Jackson, MS 39215	

2021 Annual Drinking Water Quality Report City of Flowood PWS#: 0610044 & 0610075

May 2022



We're pleased to present to you this year's Annual Quality Water Report. This report is designed to inform the quality water and services we deliver to you every day. Our constant goal is to provide you with a safe and dependable supply of drinking water. We want you to understand the efforts we make to continually improve the water treatment process and protect our water resources. We are committed to ensuring the quality of your water. Our water source is from wells drawing from the Cockfield Formation and Sparta Sand Aquifer.

The source water assessment has been completed for our public water system to determine the overall susceptibility of its drinking water supply to identified potential sources of contamination. A report containing detailed information on how the susceptibility determinations were made has been furnished to our public water system and is available for viewing upon request. The wells for the City of Flowood have received lower to moderate susceptibility rankings to contamination.

If you have any questions about this report or concerning your water utility, please contact Brent Jenkins at 601.939.4243. We want our valued customers to be informed about their water utility. If you want to learn more, please attend any of our regularly scheduled meetings. They are held on the first and third Monday of each month at 6:30 PM at the Flowood City Hall located at 2101 Airport Road, Flowood, MS.

We routinely monitor for contaminants in your drinking water according to Federal and State laws. This table below lists all of the drinking water contaminants that were detected during the period of January 1st to December 31st, 2021. In cases where monitoring wasn't required in 2021, the table reflects the most recent results. As water travels over the surface of land or underground, it dissolves naturally occurring minerals and, in some cases, radioactive materials and can pick up substances or contaminants from the presence of animals or from human activity; microbial contaminants, such as viruses and bacteria, that may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife; inorganic contaminants, such as salts and metals, which can be naturally occurring or result from urban storm-water runoff, industrial, or domestic wastewater discharges, oil and gas production, mining, or farming; pesticides and herbicides, which may come from a variety of sources such as agriculture, urban storm-water runoff, and residential uses; organic chemical contaminants, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also come from gas stations and septic systems; radioactive contaminants, which can be naturally occurring or be the result of oil and gas production and mining activities. In order to ensure that tap water is safe to drink, EPA prescribes regulations that limit the amount of certain contaminants in water provided by public water systems. All drinking water, including bottled drinking water, may be reasonably expected to contain at least small amounts of some contaminants. It's important to remember that the presence of these contaminants does not necessarily indicate that the water poses a health risk.

In this table you will find many terms and abbreviations you might not be familiar with. To help you better understand these terms we've provided the following definitions:

Action Level - the concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

Maximum Contaminant Level (MCL) - The "Maximum Allowed" (MCL) is the highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.

Maximum Contaminant Level Goal (MCLG) - The "Goal" (MCLG) is the level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

Maximum Residual Disinfectant Level (MRDL) – The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary to control microbial contaminants.

Maximum Residual Disinfectant Level Goal (MRDLG) – The level of a drinking water disinfectant below which there is no known or expected risk of health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.

Parts per million (ppm) or Milligrams per liter (mg/l) - one part per million corresponds to one minute in two years or a single penny in \$10,000.

Parts per billion (ppb) or Micrograms per liter - one part per billion corresponds to one minute in 2,000 years, or a single penny in \$10,000,000.

Picocuries per liter (pCi/L) - picocuries per liter is a measure of the radioactivity in water.

PWS ID #	# U61UU ⁴	14		TEST RESU	JLTS			10
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL	Unit Measure -ment	MCLG	MCL	Likely Source of Contamination
Inorgani	c Conta	minant	ts					
10. Barium	N	2019*	.0065	.00580065	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natura deposits
13. Chromium	N	2019*	1.6	1.2 – 1.6	ppb	100	100	Discharge from steel and pulp mills; erosion of natural deposits
14. Copper	N	2017/19*	.7	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
16. Fluoride	N	2019*	.892	.833892	ppm	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories

17. Lead	N	2017/19*	1	0	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits
Sodium	N	2019*	110000	No Range	ppb	0	0	Road Salt, Water Treatment Chemicals, Water Softeners and Sewage Effluents.
Disinfecti	on By	-Produc	cts					F-2
81. HAA5	N	2021	4.39	No Range	ppb	0	60	By-Product of drinking water disinfection.
82. TTHM [Total trihalomethanes]	N	2021	12.4	3.43 – 12.4	ppb	0	80	By-product of drinking water chlorination.
Chlorine	N	2021	1.7	.5 – 2.8	mg/l	0	MDRL = 4	Water additive used to control microbes

0610075	5	-121	TEST RES	ULTS					
Violation Y/N	Date Collected	Level Detected	, v	Meas	ure	ICLG	MCL	Likely Source	of Contamination
gical C	ontamin	ants							
N	January	Positive	1	NA		0	, t	oacteria in 5% of	Naturally present in the environment
e Conta	minant	S							
N	2019*	2.8	1.6 – 2.8	pCi/L		0	1:	5 Erosion of na	tural deposits
N	2019*	.89 1.3	.3489 .60 - 1.3	pCi/L		0			
Contam	inants								
N	2020*	.5	No Range	ppb		n/a	11	from orchards	tural deposits; runoff ; runoff from glass es production wastes
N	2020*	.0019	No Range	ppm		2		2 Discharge of discharge from	drilling wastes; n metal refineries;
N	2020*	2.9	No Range	ppb		100	10		m steel and pulp of natural deposits
N	2017/19*	.4	0	ppm		1.3	AL=1.	systems; eros deposits; lead	nousehold plumbing ion of natural thing from wood
N	2020*	1.14	No Range	ppm		4		additive which teeth; dischar	tural deposits; water n promotes strong ge from fertilizer and tories
N	2017/19*	4	0	ppb		0	AL=1		nousehold plumbing ion of natural
N	2019*	120000	77000 - 120000	ppb		0		0 Road Salt, W Chemicals, W	ater Treatment /ater Softeners and ents.
n Bv-P	roduct	S							
			2.84 – 20.2	ppb	0				nking water
N :	2021	35	6.79 – 33.1	ppb	0		80	By-product of drir	iking water
N :	2021	.9	0 – 3.6	mg/l	0	MRE		Water additive us microbes	ed to control
	Violation Y/N gical Contain N Contam N N N N N N N N N N N N N	Y/N Collected	Violation Y/N Collected Level Detected Grant Collected Collected Grant Collected Collected Grant Contaminants N	Violation Y/N	Violation Y/N	Violation Collected Detected Range of Detects or # of Samples Exceeding MCL/ACL Measure Exceeding MCL/ACL	Violation Y/N Collected Level Detected Range of Detects or # of Samples Exceeding MCL/ACL Measure -ment MCLG	Violation Vi/N Collected Detected Range of Detects or # of Samples MCL Measure -ment MCLG MCL	Violation Vi/N Date Collected Collected Range of Detects or # of Samples Exceeding MCL/ACL Measure Exceeding MCL/ACL

^{*} Most recent sample. No sample required for 2021.

As you can see by the table, our system had no violations. We're proud that your drinking water meets or exceeds all Federal and State requirements. We have learned through our monitoring and testing that some contaminants have been detected however the EPA has determined that your water IS SAFE at these levels.

^{**} Fluoride level is routinely adjusted to the MS State Dept of Health's recommended level of 0.6 - 1.2 mg/l.

We are required to monitor your drinking water for specific contaminants on a monthly basis. Results of regular monitoring are an indicator of whether or not our drinking water meets health standards. In an effort to ensure systems complete all monitoring requirements, MSDH now notifies systems of any missing samples prior to the end of the compliance period.

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. Our water system is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at http://www.epa.gov/safewater/lead. The Mississippi State Department of Health Public Health Laboratory offers lead testing. Please contact 601.576.7582 if you wish to have your water tested.

Unregulated contaminants are those for which EPA has not established drinking water standards. The purpose of unregulated contaminant monitoring is to assist EPA in determining the occurrence of unregulated contaminants in drinking water and whether future regulations are warranted.

To comply with the "Regulation Governing Fluoridation of Community Water Supplies", our system #0610044 is required to report certain results pertaining to fluoridation of our water system. The number of months in the previous calendar year in which average fluoride sample results were within the optimal range of 0.6-1.2 ppm was 11. The percentage of fluoride samples collected in the previous calendar year that was within the optimal range of 0.6-1.2 ppm was 92%.

To comply with the "Regulation Governing Fluoridation of Community Water Supplies", our system #0610075 is required to report certain results pertaining to fluoridation of our water system. The number of months in the previous calendar year in which average fluoride sample results were within the optimal range of 0.6-1.2 ppm was 12. The percentage of fluoride samples collected in the previous calendar year that was within the optimal range of 0.6-1.2 ppm was 94%.

All sources of drinking water are subject to potential contamination by substances that are naturally occurring or man made. These substances can be microbes, inorganic or organic chemicals and radioactive substances. All drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that the water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotline at 1.800.426.4791.

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/CDC guidelines on appropriate means to lessen the risk of infection by cryptosporidium and other microbiological contaminants are available from the Safe Drinking Water Hotline 1.800.426.4791.

The City of Flowood works around the clock to provide top quality water to every tap. We ask that all our customers help us protect our water sources, which are the heart of our community, our way of life and our children's future.

PROOF OF PUBLICATION

RANKIN COUNTY NEWS • P.O. BOX 107 • BRANDON, MS 39043

STATE OF MISSISSIPPI COUNTY OF RANKIN

THIS 1STE DAY OF HINE, 2022, personally came Marcus Bowers, publisher of the Rankin County News,

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a weekly newspaper printed and published in the City of Strandon, in the County of Rankin and State aforesaid, before me the undersigned officer in and for said County and State, who being duly sworn, deposes and says that said newspaper has been published for more than 12 trenths prior to the first publication of the attacked notice and in qualified under Chapter 13-3-31, Cavo of Messadappi, 1936, and laws supplementary and an endatory thereto, and that is certain

2021 ANNUAL DRINKING WATER QUALITY REPORT

CUTX OF FLOWOOD

copy of which is iterate allactical, was published in said newspaper One
1) week, as follows, to-wil:

ol 174 No. 49 on the 15th day of lune. 2022

Marcus Bowers
ARCUS BOWERS Publisher

worn to and subscribed before me by the aforementioned facus Bowers this <u>19th</u> day of <u>fure,</u> 2022

FRANCES CONCER My Commission Expires January 25, 2026

RINTER'S FEE

\$510.00

column by 17 inch at at 10 per column inch.

FOTAL 1.00

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ACCOUNT NUMBER BER	ACCOUNT NUMBER BERVICE FROM SERVICE TO	RETURN THIS STUB WITH PAYMENT TO	WENT TO:	PRESORTED
37-027223-00 5	5/9/2022 6/16/2022	CITY	CITY OF FLOWOOD	FIRST CLASS MAIL
SERVICE ADDRESS	ADDRESS	20072 409 0	(601) 939-4243	PERMIT NO. 634 JACKSON MS
766 MACKENZIE LN	ENZIE LN	PAY NET AMOUNT	URRENT AMOUNT DUE DAT	PAYGROSS
METER READINGS	EADINGS	ON OR BENDAGE DUE DATE	7/15/2022	AMOUNT AFTER DUE DATE
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Dear Customer:

contested in an administrative hearing. Such hearing must be GREATER, YOUR WATER SERVICE WILL BE CUT OFF AND A RECONNECTION FEE WILL BE CHARGED. THIS BILL IS YOUR ONLY NOTICE FOR PAST DUE AMOUNTS. After service is cut off, full payment of all past between 8:00 a.m. and 5:00 p.m. on Monday - Friday with the An after hour payment receptacle is located at Flowood City Department (601) 939-4243 no later than 3 business days prior to the 15th of the month. IF PAYMENT IS NOT RECEIVED BY 5:00 P.M. THE DAY PRIOR TO THE CUT OFF DATE FOR PAST DUE AMOUNTS \$50 OR Hall for your convenience. Accuracy of this billing may be due amounts, including a \$50 reconnection fee, will be required to reinstate service. Service will be restored requested by contacting the City of Flowood Water exception of City holidays.

convenience charge must be paid on all card transactions. You can pay your water bill by credit card at Flowood City https://www.municipalonlinepayments.com/flowoodms. A Miss. Code Ann. § 17-25-1 Hall or online at

PLEASE MAKE CHECKS PAYABLE TO

FLOWOOD, MS 39232 CITY OF FLOWOOD P.0. BOX 320069 (601) 939-4243

AND CHARGED A \$50.00 RECONNECT FEE. ON THIS BILL WILL RESULT IN WATER BEING SHUT OFF BY THE CUT OFF DATE *ANY PAST DUE AMOUNT SHOWING